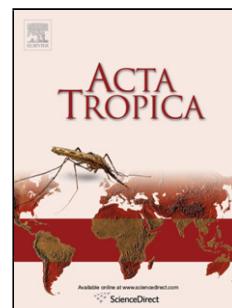


Accepted Manuscript

Title: First record of *Culex (Culex) bidens* (Diptera: Culicidae) in Colombia: taxonomic and epidemiological implications

Authors: Magdalena Laurito, Richard Hoyos-López



PII: S0001-706X(18)31151-3

DOI: <https://doi.org/10.1016/j.actatropica.2018.09.010>

Reference: ACTROP 4783

To appear in: *Acta Tropica*

Received date: 13-9-2018

Accepted date: 17-9-2018

Please cite this article as: Laurito M, Hoyos-López R, First record of *Culex (Culex) bidens* (Diptera: Culicidae) in Colombia: taxonomic and epidemiological implications, *Acta Tropica* (2018), <https://doi.org/10.1016/j.actatropica.2018.09.010>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

First record of *Culex (Culex) bidens* (Diptera: Culicidae) in Colombia:
taxonomic and epidemiological implications

Magdalena Laurito^{1,2,*}, Richard Hoyos-López³

¹Universidad Nacional de Córdoba. Facultad de Ciencias Exactas, Físicas y Naturales.

Centro de Investigaciones Entomológicas de Córdoba. Córdoba, Argentina.

² Consejo Nacional de Investigaciones Científicas y Técnicas, CONICET, Instituto de Investigaciones Biológicas y Tecnológicas (IIByT). Córdoba, Argentina

³ Universidad del Sinú. Facultad de Ciencias de la Salud, Grupo de Investigación en Enfermedades Tropicales y Resistencia Bacteriana. Montería, Colombia.

*Corresponding author at: Instituto de Investigaciones Biológicas y Tecnológicas (UNC-CONICET), Avenida Vélez Sársfield 1611, Córdoba, X5016GCA, Argentina. E-mail address: mlaurito@conicet.gov.ar (M. Laurito)

Graphical abstract

Culex bidens is reported for the first time in Colombia. It was morphologically and molecularly compared with *Cx. declarator*. They can be discriminated by the male genitalia and not by nuclear or mitochondrial markers.

Download English Version:

<https://daneshyari.com/en/article/11030586>

Download Persian Version:

<https://daneshyari.com/article/11030586>

[Daneshyari.com](https://daneshyari.com)